

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/538,916  
Source: 1FWS  
Date Processed by STIC: 3/30/06

# ***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/538,916

CRF Edit Date: 3/30/06  
Edited by: in

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:

\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

\_\_\_\_\_

J Deleted: J invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:

\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:

\_\_\_\_\_

J Other:  
corrected wording of C1107 response  
re-merged C1107 and C1207 responses



IFWO

**RAW SEQUENCE LISTING**

DATE: 03/30/2006

PATENT APPLICATION: US/10/538,916

TIME: 11:25:06

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03302006\J538916.raw

4 &lt;110&gt; APPLICANT: Nitto Boseki Kabushiki Kaisya

6 &lt;120&gt; TITLE OF INVENTION: Marker Protein for Diagnosis of Liver Disease and Diagnosis

## Method

7 of Liver Disease using the Protein

9 &lt;130&gt; FILE REFERENCE: W1359-00

C--&gt; 11 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/538,916

C--&gt; 11 &lt;141&gt; CURRENT FILING DATE: 2005-06-13

11 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 2002-371959

12 &lt;151&gt; PRIOR FILING DATE: 2002-12-24

14 &lt;160&gt; NUMBER OF SEQ ID NOS: 3

16 &lt;210&gt; SEQ ID NO: 1

17 &lt;211&gt; LENGTH: 54

18 &lt;212&gt; TYPE: PRT

19 &lt;213&gt; ORGANISM: Homo sapiens

21 &lt;400&gt; SEQUENCE: 1

22 Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg

23 1 5 10 15

24 Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala

25 20 25 30

26 Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His

27 35 40 45

28 Ala Lys Ser Arg Pro Val

29 50

31 &lt;210&gt; SEQ ID NO: 2

32 &lt;211&gt; LENGTH: 68

33 &lt;212&gt; TYPE: PRT

34 &lt;213&gt; ORGANISM: Homo sapiens

36 &lt;400&gt; SEQUENCE: 2

37 Glu Pro Cys Val Glu Ser Leu Val Ser Gln Tyr Phe Gln Thr Val Thr

38 1 5 10 15

39 Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Ser Pro Glu Leu Gln

40 20 25 30

41 Ala Glu Ala Lys Ser Tyr Phe Glu Lys Ser Lys Glu Gln Leu Thr Pro

42 35 40 45

43 Leu Ile Lys Lys Ala Gly Thr Glu Leu Val Asn Phe Leu Ser Tyr Phe

44 50 55 60

45 Val Glu Leu Gly

46 65

48 &lt;210&gt; SEQ ID NO: 3

49 &lt;211&gt; LENGTH: 243

50 &lt;212&gt; TYPE: PRT

51 &lt;213&gt; ORGANISM: Homo sapiens

53 &lt;400&gt; SEQUENCE: 3

54 Asp Glu Pro Pro Gln Ser Pro Trp Asp Arg Val Lys Asp Leu Ala Thr

## RAW SEQUENCE LISTING

DATE: 03/30/2006

PATENT APPLICATION: US/10/538,916

TIME: 11:25:06

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03302006\J538916.raw

```

55      1              5              10              15
56 Val Tyr Val Asp Val Leu Lys Asp Ser Gly Arg Asp Tyr Val Ser Gln
57              20              25              30
58 Phe Glu Gly Ser Ala Leu Gly Lys Gln Leu Asn Leu Lys Leu Leu Asp
59              35              40              45
60 Asn Trp Asp Ser Val Thr Ser Thr Phe Ser Lys Leu Arg Glu Gln Leu
61              50              55              60
62 Gly Pro Val Thr Gln Glu Phe Trp Asp Asn Leu Glu Lys Glu Thr Glu
63 65              70              75              80
64 Gly Leu Arg Gln Glu Met Ser Lys Asp Leu Glu Glu Val Lys Ala Lys
65              85              90              95
66 Val Gln Pro Tyr Leu Asp Asp Phe Gln Lys Lys Trp Gln Glu Met
67              100              105              110
68 Glu Leu Tyr Arg Gln Lys Val Glu Pro Leu Arg Ala Glu Leu Gln Glu
69              115              120              125
70 Gly Ala Arg Gln Lys Leu His Glu Leu Gln Glu Lys Leu Ser Pro Leu
71              130              135              140
72 Gly Glu Glu Met Arg Asp Arg Ala Arg Ala His Val Asp Ala Leu Arg
73 145              150              155              160
74 Thr His Leu Ala Pro Tyr Ser Asp Glu Leu Arg Gln Arg Leu Ala Ala
75              165              170              175
76 Arg Leu Glu Ala Leu Lys Glu Asn Gly Gly Ala Arg Leu Ala Glu Tyr
77              180              185              190
78 His Ala Lys Ala Thr Glu His Leu Ser Thr Leu Ser Glu Lys Ala Lys
79              195              200              205
80 Pro Ala Leu Glu Asp Leu Arg Gln Gly Leu Leu Pro Val Leu Glu Ser
81              210              215              220
82 Phe Lys Val Ser Phe Leu Ser Ala Leu Glu Glu Tyr Thr Lys Lys Leu
83 225              230              235              240
84 Asn Thr Gln

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006

TIME: 11:25:07

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03302006\J538916.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing  
(for reference only)**



IFWO

## RAW SEQUENCE LISTING

DATE: 03/30/2006

PATENT APPLICATION: US/10/538,916

TIME: 09:26:21

Input Set : A:\050337.txt

Output Set: N:\CRF4\03302006\J538916.raw

*responses are reversed*

4 <110> APPLICANT: Marker Protein for Diagnosis of Pl Liver Disease and Diagnosis Method  
 5 of Liver Disease using the Protein  
 7 <120> TITLE OF INVENTION: Nitto Boseki Kabushiki Kaisya  
 9 <130> FILE REFERENCE: W1359-00  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/538,916  
 C--> 11 <141> CURRENT FILING DATE: 2005-06-13  
 11 <150> PRIOR APPLICATION NUMBER: JP 2002-371959  
 12 <151> PRIOR FILING DATE: 2002-12-24  
 14 <160> NUMBER OF SEQ ID NOS: 3  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 54  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Homo sapiens  
 21 <400> SEQUENCE: 1  
 22 Ser Ser Ser Tyr Ser Lys Gln Phe Thr Ser Ser Thr Ser Tyr Asn Arg  
 23 1 5 10 15  
 24 Gly Asp Ser Thr Phe Glu Ser Lys Ser Tyr Lys Met Ala Asp Glu Ala  
 25 20 25 30  
 26 Gly Ser Glu Ala Asp His Glu Gly Thr His Ser Thr Lys Arg Gly His  
 27 35 40 45  
 28 Ala Lys Ser Arg Pro Val  
 29 50  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 68  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Homo sapiens  
 36 <400> SEQUENCE: 2  
 37 Glu Pro Cys Val Glu Ser Leu Val Ser Gln Tyr Phe Gln Thr Val Thr  
 38 1 5 10 15  
 39 Asp Tyr Gly Lys Asp Leu Met Glu Lys Val Lys Ser Pro Glu Leu Gln  
 40 20 25 30  
 41 Ala Glu Ala Lys Ser Tyr Phe Glu Lys Ser Lys Glu Gln Leu Thr Pro  
 42 35 40 45  
 43 Leu Ile Lys Lys Ala Gly Thr Glu Leu Val Asn Phe Leu Ser Tyr Phe  
 44 50 55 60  
 45 Val Glu Leu Gly  
 46 65  
 48 <210> SEQ ID NO: 3  
 49 <211> LENGTH: 243  
 50 <212> TYPE: PRT  
 51 <213> ORGANISM: Homo sapiens  
 53 <400> SEQUENCE: 3  
 54 Asp Glu Pro Pro Gln Ser Pro Trp Asp Arg Val Lys Asp Leu Ala Thr

*see*  
*P.2, top*  
 Does Not Comply  
 Corrected Diskette Needed

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006

TIME: 09:26:21

Input Set : A:\050337.txt

Output Set: N:\CRF4\03302006\J538916.raw

```

55      1              5              10              15
56 Val Tyr Val Asp Val Leu Lys Asp Ser Gly Arg Asp Tyr Val Ser Gln
57              20              25              30
58 Phe Glu Gly Ser Ala Leu Gly Lys Gln Leu Asn Leu Lys Leu Leu Asp
59              35              40              45
60 Asn Trp Asp Ser Val Thr Ser Thr Phe Ser Lys Leu Arg Glu Gln Leu
61              50              55              60
62 Gly Pro Val Thr Gln Glu Phe Trp Asp Asn Leu Glu Lys Glu Thr Glu
63 65              70              75              80
64 Gly Leu Arg Gln Glu Met Ser Lys Asp Leu Glu Glu Val Lys Ala Lys
65              85              90              95
66 Val Gln Pro Tyr Leu Asp Asp Phe Gln Lys Lys Trp Gln Glu Met
67              100              105              110
68 Glu Leu Tyr Arg Gln Lys Val Glu Pro Leu Arg Ala Glu Leu Gln Glu
69              115              120              125
70 Gly Ala Arg Gln Lys Leu His Glu Leu Gln Glu Lys Leu Ser Pro Leu
71              130              135              140
72 Gly Glu Glu Met Arg Asp Arg Ala Arg Ala His Val Asp Ala Leu Arg
73 145              150              155              160
74 Thr His Leu Ala Pro Tyr Ser Asp Glu Leu Arg Gln Arg Leu Ala Ala
75              165              170              175
76 Arg Leu Glu Ala Leu Lys Glu Asn Gly Gly Ala Arg Leu Ala Glu Tyr
77              180              185              190
78 His Ala Lys Ala Thr Glu His Leu Ser Thr Leu Ser Glu Lys Ala Lys
79              195              200              205
80 Pro Ala Leu Glu Asp Leu Arg Gln Gly Leu Leu Pro Val Leu Glu Ser
81              210              215              220
82 Phe Lys Val Ser Phe Leu Ser Ala Leu Glu Glu Tyr Thr Lys Lys Leu
83 225              230              235              240
84 Asn Thr Gln
88 1/1

```



**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/538,916

DATE: 03/30/2006

TIME: 09:26:22

Input Set : A:\050337.txt

Output Set: N:\CRF4\03302006\J538916.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date